American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

5/26/88

A2575-1

# weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 69 For Week Ended May 20, 1988 NO. 20

## SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 05/20/88 | Last Week Ending: 05/13/88 | Last Year Week Ending: 05/22/87 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 13,652 | 13,499 | 12,684 | 153 | 968 |
| Operable capacity | 16,016 | 16,016 | 15,621 | 0 | 395 |
| Percent operated | 85.2 | 84.3 | 81.2 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 6,761 | 6,833 | 6,885 | -72 | -124 |
| Finished leaded motor gasoline production | 1,386 | 1,382 | 1,686 | 4 | -300 |
| Finished unleaded motor gasoline production | 5,375 | 5,451 | 5,199 | -76 | 176 |
| Total motor gasoline stocks | 227,163 | 226,247 | 233,801 | 916 | -6,638 |
| Finished leaded motor gasoline stocks | 46,590 | 46,596 | 58,269 | -6 | -11,679 |
| Finished unleaded motor gasoline stocks | 144,067 | 143,836 | 136,562 | 231 | 7,505 |
| **Jet Fuel Kerosine** | | | | | |
| Jet fuel kerosine production | 1,030 | 1,100 | 1,009 | -70 | 21 |
| Jet fuel kerosine stocks | 37,820 | 38,621 | 39,436 | -801 | -1,616 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,923 | 2,947 | 2,585 | -24 | 338 |
| Distillate fuel oil stocks | 96,781 | 97,114 | 96,482 | -333 | 299 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 942 | 890 | 781 | 52 | 161 |
| Residual fuel oil stocks | 43,803 | 42,779 | 39,381 | 1,024 | 4,422 |
| **Imports** | | | | | |
| Crude oil imports | 6,244 | 4,663 | 3,562 | 1,581 | 2,682 |
| Product imports | 2,101 | 2,324 | 1,694 | -223 | 407 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 363,509 | 360,958 | 324,578 | 2,551 | 38,931 |

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# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 69 **For Week Ended** May 20, 1988 **NO.** 20

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,460 | 1,136 | 1,147 | 1,400 | 81.9 |
| Appal. No. 1 | 110 | 106 | 106 | 105 | 101.0 |
| **DISTRICT 1 TOTAL** | 1,570 | 1,242 | 1,253 | 1,505 | 83.3 |
| Ind., Ill., Ky. | 2,097 | 1,971 | 1,977 | 2,220 | 89.1 |
| Minn., Wis., Daks. | 306 | 295 | 294 | 387 | 76.0 |
| Okla., Kans., Mo. | 786 | 707 | 707 | 720 | 98.2 |
| **DISTRICT 2 TOTAL** | 3,189 | 2,973 | 2,978 | 3,327 | 89.5 |
| Inland Texas | 559 | 475 | 479 | 569 | 84.2 |
| Texas Gulf Coast | 3,611 | 3,145 | 3,259 | 3,569 | 91.3 |
| La. Gulf Coast | 2,382 | 2,205 | 2,272 | 2,949 | 77.0 |
| N. La. and Ark. | 196 | 187 | 190 | 257 | 73.9 |
| New Mexico | 60 | 49 | 51 | 81 | 63.0 |
| **DISTRICT 3 TOTAL** | 6,808 | 6,061 | 6,251 | 7,425 | 84.2 |
| **DISTRICT 4 TOTAL** | 500 | 481 | 484 | 552 | 87.7 |
| **DISTRICT 5 TOTAL** | 2,731* | 2,647 | 2,686 | 3,207 | 83.8 |
| **TOTAL U.S.** | 14,798 | 13,404 | 13,652 | 16,016 | 85.2 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| MAY 13, 1988 | 14,827* | 13,343 | 13,499 | 16,016 | 84.3 |
| MAY 22, 1987 | 13,675 | 12,587 | 12,684 | 15,621 | 81.2 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | |
| MAY 20, 1988 | 12,067 | 10,757 | 10,966 | 12,809 | 85.6 |
| MAY 13, 1988 | 12,096 | 10,635 | 10,791 | 12,809 | 84.2 |
| MAY 22, 1987 | 11,059 | 10,110 | 10,206 | 12,409 | 82.2 |

* See Revisions on Page 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** May 20, 1988

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 557 | 41 | 516 | 16 | 65 | 259 | 146 |
| Appal. No. 1 | 34 | 6 | 28 | -- | -- | 35 | 2 |
| **DISTRICT 1 TOTAL** | 591 | 47 | 544 | 16 | 65 | 294 | 148 |
| Ind., Ill., Ky. | 1,130 | 181 | 949 | 26 | 107 | 433 | 55 |
| Minn., Wis., Daks. | 162 | 20 | 142 | 1 | 17 | 74 | 8 |
| Okla., Kans., Mo. | 413 | 147 | 266 | 4 | 40 | 188 | 2 |
| **DISTRICT 2 TOTAL** | 1,705 | 348 | 1,357 | 31 | 164 | 695 | 65 |
| Inland Texas | 299 | 91 | 208 | 36 | 25 | 117 | 16 |
| Texas Gulf Coast | 1,563 | 246 | 1,317 | 45 | 223 | 718 | 197 |
| La. Gulf Coast | 1,172 | 242 | 930 | 9 | 222 | 485 | 95 |
| N. La. and Ark. | 58 | 17 | 41 | 4 | 4 | 56 | 8 |
| New Mexico | 32 | 11 | 21 | 4 | 1 | 11 | -- |
| **DISTRICT 3 TOTAL** | 3,124 | 607 | 2,517 | 98 | 475 | 1,387 | 316 |
| **DISTRICT 4 TOTAL** | 243 | 94 | 149 | 17 | 16 | 127 | 13 |
| **DISTRICT 5 TOTAL** | 1,098x | 290 | 808x | 57 | 310 | 420 | 400 |
| **TOTAL U.S.** | 6,761 | 1,386 | 5,375 | 219 | 1,030 | 2,923 | 942 |
| **TOTAL U.S.** | | | | | | | |
| **Weeks Ended:** | | | | | | | |
| MAY 13, 1988 | 6,833x | 1,382 | 5,451x | 222 | 1,100 | 2,947 | 890 |
| MAY 22, 1987 | 6,885 | 1,686 | 5,199 | 255 | 1,009 | 2,585 | 781 |
| **DISTRICTS 1-4** | | | | | | | |
| **Weeks Ended:** | | | | | | | |
| MAY 20, 1988 | 5,663 | 1,096 | 4,567 | 162 | 720 | 2,503 | 542 |
| MAY 13, 1988 | 5,767 | 1,094 | 4,673 | 179 | 829 | 2,496 | 519 |
| MAY 22, 1987 | 5,725 | 1,381 | 4,344 | 178 | 708 | 2,174 | 472 |

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline

[2]Includes Grade No 4 fuel oil

* See Revisions on Page 7.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended May 20, 1988

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 3,980 | 573 | 3,406 | 1 | 62 | 387 | 3,243 | 1,299 | -- |
| Central Atlantic | 26,677 | 4,029 | 18,848 | 3,800 | 635 | 4,746 | 14,764 | 13,451 | 10,819 |
| Lower Atlantic | 32,494 | 6,151 | 26,081 | 262 | 649 | 5,150 | 13,221 | 3,430 | 520 |
| **DISTRICT 1 TOTAL** | 63,151 | 10,753 | 48,335 | 4,063 | 1,346 | 10,283 | 31,228 | 18,180 | 11,339 |
| **DISTRICT 2 TOTAL** | 63,776 | 14,769 | 41,491 | 7,516 | 1,131 | 7,979 | 26,570 | 3,480 | 15,564 |
| **DISTRICT 3 TOTAL** | 62,654 | 11,321 | 36,797 | 14,536 | 2,380 | 12,566 | 25,586 | 13,237 | 51,077 |
| **DISTRICT 4 TOTAL** | 7,046 | 2,130 | 2,776 | 2,140 | 390 | 745 | 2,557 | 429 | 2,421 |
| **DISTRICT 5 TOTAL** | 30,536* | 7,617 | 14,668* | 8,251* | 1,628 | 6,247 | 10,840* | 8,477 | 26,942* |
| **TOTAL U.S.** | 227,163 | 46,590 | 144,067 | 36,506 | 6,875 | 37,820 | 96,781 | 43,803 | 107,343 |
| **TOTAL U.S.** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| MAY 13, 1988 | 226,247* | 46,596 | 143,836* | 35,815* | 7,030 | 38,621 | 97,114* | 42,779 | 106,554* |
| MAY 22, 1987 | 233,801 | 58,269 | 136,562 | 38,970 | 7,170 | 39,436 | 96,482 | 39,381 | 103,433 |
| **DISTRICTS 1-4** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| MAY 20, 1988 | 196,627 | 38,973 | 129,399 | 28,255 | 5,247 | 31,573 | 85,941 | 35,326 | 80,401 |
| MAY 13, 1988 | 195,465 | 39,125 | 128,753 | 27,587 | 5,398 | 32,010 | 86,027 | 34,165 | 80,332 |
| MAY 22, 1987 | 203,207 | 51,109 | 120,894 | 31,204 | 4,878 | 32,687 | 85,722 | 32,015 | 79,230 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** May 20, 1988

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy Dec. 1987 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| MAY 20, 1988 | 5,093.0 | 5,188.0 | 5,790 | 660 | 282,164 |
| MAY 13, 1988 | 5,093.0 | -- | 4,469* | 746 | 284,206 |
| MAY 6, 1988 | 5,093.0 | -- | 5,288 | 695 | 280,565 |
| APR. 29, 1988 | 5,093.0 | -- | 4,201 | 724 | 277,552 |
| **DISTRICT 5 TOTAL** | | | | | |
| MAY 20, 1988 | 2,981.0 | 3,130.0 | 454 | 26 | 81,345 ‡ |
| MAY 13, 1988 | 2,981.0 | -- | 194 | -- | 76,752* |
| MAY 6, 1988 | 3,079.0 | -- | 169 | 15 | 79,147 |
| APR. 29, 1988 | 3,079.0 | -- | 34 | 34 | 78,632 |
| **TOTAL U.S.** | | | | | |
| MAY 20, 1988 | 8,074.0 | 8,318.0 | 6,244 | 686 | 363,509 ‡ |
| MAY 13, 1988 | 8,074.0 | -- | 4,663* | 746 | 360,958* |
| MAY 6, 1988 | 8,172.0 | -- | 5,457 | 710 | 359,712 |
| APR. 29, 1988 | 8,172.0 | -- | 4,235 | 758 | 356,184 |
| MAY 22, 1987 | 8,332.0 a/ | -- | 3,562 | 532 | 324,578 |

‡INCLUDES 26,245 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for May 1987.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| MAY 20, 1988 | 17,792 | 79,655 | 171,281 | 13,436 | 282,164 | 81,345 ‡ | 363,509 ‡ |
| MAY 13, 1988 | 16,917 | 79,783 | 173,971 | 13,535 | 284,206 | 76,752* | 360,958* |
| MAY 22, 1987 | 17,761 | 70,122 | 148,402 | 13,033 | 249,318 | 75,260 | 324,578 |

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** May 20, 1988

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Gasoline[2] Blending Components | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[3] | Residual Fuel Oil | L.P.G. | Unfinished Oil | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | -- | -- | -- | -- | -- | -- | 31 | 37 | -- | -- | 9 | 77 |
| Central Atlantic | 294 | -- | 294 | 74 | -- | 25 | 128 | 355 | 19 | 78 | 175 | 1,148 |
| Lower Atlantic | 126 | 3 | 123 | -- | -- | -- | 30 | 21 | -- | -- | -- | 177 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | | |
| MAY 20, 1988 | 420 | 3 | 417 | 74 | -- | 25 | 189 | 413 | 19 | 78 | 184 | 1,402 |
| MAY 13, 1988 | 289 | -- | 289 | 62 | -- | 56 | 343 | 465 | 33 | 110 | 176 | 1,534 |
| MAY 6, 1988 | 102 | 8 | 94 | -- | -- | -- | 29 | 832 | 21 | 59 | 108 | 1,151 |
| APR. 29, 1988 | 434 | 21 | 413 | 66 | -- | 24 | 339 | 361 | 61 | 130 | 52 | 1,467 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | | |
| MAY 20, 1988 | 8 | -- | 8 | -- | 3 | -- | -- | 11 | 95 | 118 | 348 | 583 |
| MAY 13, 1988 | 6 | -- | 6 | 21 | 3 | 9 | 7 | 10 | 166 | 212 | 300 | 734 |
| MAY 6, 1988 | 2 | -- | 2 | -- | -- | -- | -- | 15 | 77 | 87 | 77 | 258 |
| APR. 29, 1988 | 8 | -- | 8 | -- | 3 | -- | 5 | 5 | 214 | 134 | 162 | 531 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | |
| MAY 20, 1988 | 19 | -- | 19 | 21 | -- | -- | 3 | 20 | 6 | -- | 47 | 116 |
| MAY 13, 1988 | 17 | -- | 17 | 11 | -- | 10 | 2 | 8 | 5 | 3 | -- | 56 |
| MAY 6, 1988 | 11 | 1 | 10 | -- | -- | -- | -- | 12 | 6 | 2 | -- | 31 |
| APR. 29, 1988 | 17 | 1 | 16 | 5 | -- | -- | 1 | 51 | 5 | -- | -- | 79 |
| **TOTAL U.S.** | 447 | 3 | 444 | 95 | 3 | 25 | 192 | 444 | 120 | 196 | 579 | 2,101 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | | |
| MAY 13, 1988 | 312 | -- | 312 | 94 | 3 | 75 | 352 | 483 | 204 | 325 | 476 | 2,324 |
| MAY 6, 1988 | 115 | 9 | 106 | -- | -- | -- | 29 | 859 | 104 | 148 | 185 | 1,440 |
| APR. 29, 1988 | 459 | 22 | 437 | 71 | 3 | 24 | 345 | 417 | 280 | 264 | 214 | 2,077 |
| MAY 22, 1987 | 241 | 16 | 225 | 59 | 10 | 19 | 312 | 473 | 129 | 310 | 141 | 1,694 |

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

#### Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: MAY 20, 1988

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 05/13/88 | PAGE 1 | TOTAL REFINERY INPUT | DISTRICT 5 TOTAL | 2,731 |
| | | | TOTAL U.S. | 14,827 |
| | PAGE 2 | TOTAL MGAS | DISTRICT 5 TOTAL | 1,066 |
| | | | TOTAL U.S. | 6,833 |
| | | UNLEADED MGAS | DISTRICT 5 TOTAL | 778 |
| | | | TOTAL U.S. | 5,451 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 5 TOTAL | 30,782 |
| | | | TOTAL U.S. | 226,247 |
| | | UNLEADED MGAS | DISTRICT 5 TOTAL | 15,083 |
| | | | TOTAL U.S. | 143,836 |
| | | BLENDING COMPS | DISTRICT 5 TOTAL | 8,228 |
| | | | TOTAL U.S. | 35,815 |
| | | DISTILLATE FUEL | DISTRICT 5 TOTAL | 11,087 |
| | | | TOTAL U.S. | 97,114 |
| | | UNFINISHED OILS | DISTRICT 5 TOTAL | 26,222 |
| | | | TOTAL U.S. | 106,554 |
| | PAGE 4 T | TOTAL CRUDE OIL IMPORTS | DISTRICTS 1-4 TOTAL | 4,469 |
| | | | TOTAL U.S. | 4,663 |
| | | CRUDE OIL STOCKS | DISTRICT 5 TOTAL | 76,752 |
| | | | TOTAL U.S. | 360,958 |
| | PAGE 4 B | TOTAL | PAD DISTRICT 5 | 76,752 |
| | | | TOTAL U.S. | 360,958 |